

# WASTEWATER AND TREATMENT EDUCATION ROUNDTABLE (WATER)

WEDNESDAY, MARCH 10, 2021



# Agenda

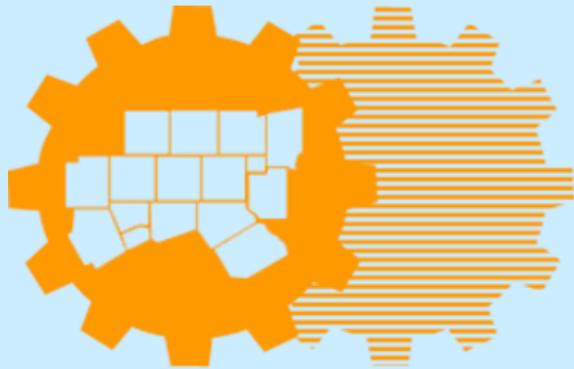
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1. Welcome and Introductions
2. Meeting Summary
3. Member Highlight Presentation
4. Holiday Grease Roundup Results and Feedback
5. Promotional Activities Update
6. FY2021 Training Discussion
7. FY2022 Work Program Discussion and Cost-Shares Allocation
8. General Updates
9. Roundtable
10. Schedule for Next Meeting
11. Adjournment



# 1. Welcome and Introductions

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**North Central Texas  
Council of Governments**



## 2. Meeting Summary

## 3. Member Highlight Presentation

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Elijah Dorminy, City of Irving



# City of Irving Ordinance Changes

Wastewater and Treatment Educators Roundtable

March 9, 2020

# Environmental Compliance Overview

- Five Compliance Sections
  - Drinking Water Quality
  - Industrial Pretreatment (Wastewater)
  - Fats, Oils, and Grease (FOG)
  - Stormwater
  - Cross Connection Program (Backflow)
- Primary enforcement mechanism is Chapter 41



# Ordinance Changes Timeline



- Started process in December 2019
  - Multiple meetings with Legal and Administration staff
    - Justification for changes
    - Buy-in
  - COVID-19
    - Delayed presentation to Council
  - Final Adoption December 2020

# Chapter 41 Ordinance Changes Overview



- Last major update - 2003
  - Minor change to Fats, Oils, and Grease Section - 2014
- Water Utilities adopted new technology that modified operations
- Comply with Federal and State Regulation changes

# Fats, Oils and Grease Program

- Revisions regarding the Liquid Waste Hauler program:
  - Electronic submittal of Liquid Waste Trip Tickets
  - Calendar Year Permit Terms
  - Administrative updates



# Fats, Oils and Grease Program



- New requirements for businesses operating with grease or grit traps:
  - Adopt the 25% rule for trap inspections
  - Require plan review of all proposed grease trap installations
  - Revamp minimum sizing requirements
  - Mandate property owners empty grease traps when facility is vacated

# Cross Connection Program

- Changes to Article V, Cross Connection:
  - Reflect administrative revisions
  - Incorporate TCEQ BPAT Licensing into Tester Requirements
  - Clarified backflow testing services of Water Utilities personnel



# Stormwater Regulations



- Change to Article X, Municipal Stormwater Drainage Regulations and Acts Adversely Affecting Water Quality:
  - Align time requirements for clean-up and repair of private sanitary sewer overflows (SSOs)
  - Replace “Public Works Director” with “Assistant City Manager or designee”

# Final Takeaways

- Will start the process all over again this year
  - TRA Permit modification; adopting streamlining rules
  - Will only affect a small portion of ordinance
  - Lessons learned from latest adoption
- Patience...
  - A lot of it.





# FOG Electronic Trip Ticket Submittal

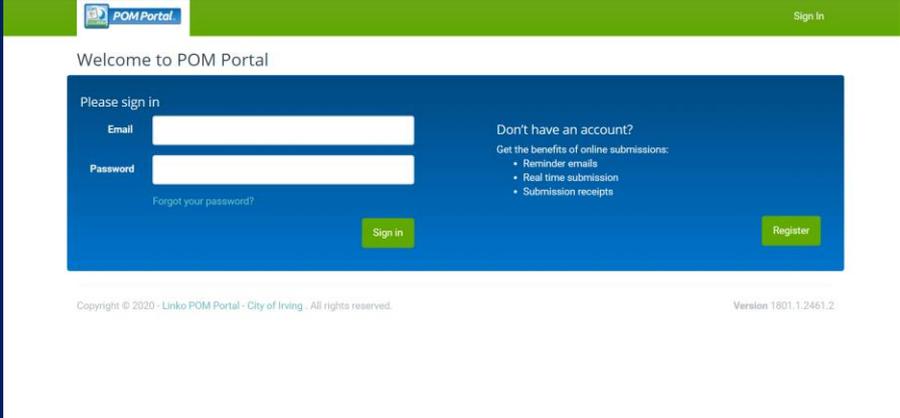
# Implementation



- Started conversion in April 2020
  - Upgrades to current system
  - POM Portal Module of Linko CTS
  - Cloud based solution
- COVID-19 delayed progress
  - Delay of Ordinance Changes affected progress

# Training

- Conducted remote training session with Waste Haulers in December, 2020
- January 1: “went live” with trip ticket submittal
  - Most haulers opted to submit electronically before January 1 because of ease of use
- February 1: No more paper manifests
  - This allowed waste haulers with extra trip tickets to use and submit



The screenshot shows the POM Portal login interface. At the top, there is a green header with the 'POM Portal' logo on the left and a 'Sign In' link on the right. Below the header, the text 'Welcome to POM Portal' is displayed. The main content area is a blue box containing a 'Please sign in' section with 'Email' and 'Password' input fields, a 'Forgot your password?' link, and a 'Sign in' button. To the right of the sign-in fields is a 'Don't have an account?' section with the text 'Get the benefits of online submissions:' followed by a bulleted list: 'Reminder emails', 'Real time submission', and 'Submission receipts'. A 'Register' button is located at the bottom right of this section. At the bottom of the page, there is a copyright notice: 'Copyright © 2020 - Linko POM Portal - City of Irving . All rights reserved.' and a version number: 'Version 1001.1.2461.2'.

# Full Implementation

The screenshot shows a web browser window with the URL `irvingtx.linkopom.com/POM/SubmissionStep3?pid=2091`. The page title is "Step 3 of 3 - Enter Pumpout/Cleaning details". The form is divided into two main sections: "Generator" and "Waste Hauler".

**Generator Section:**

- Facility Name:
- Extractor:
- Due Date:  \* Cleaning Date:
- Cleaning Start Time:  Cleaning End Time:

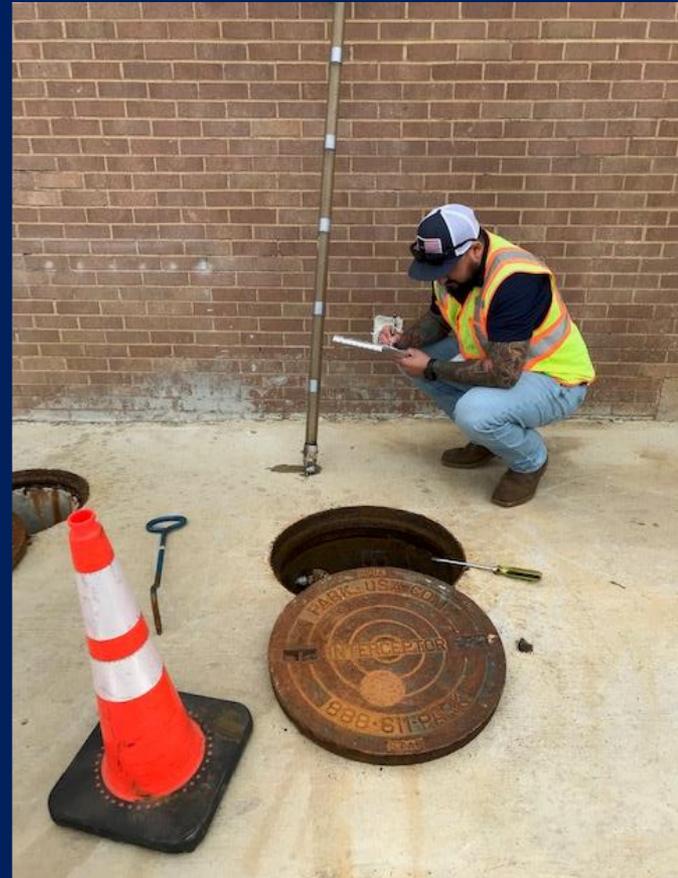
**Waste Hauler Section:**

- Pumpout Manifest No.:  \* Waste Type:
- \* Waste Hauler:
- Hauler Truck:  Hauler Driver:
- \* Amount Removed:  gal Grease Depth:  in
- Water Depth:  in Solids Depth:  in
- Pumping Method:  Facility Representative:
- Trap in Need of Repair?  Critical Issues Observed?

- Currently all trip tickets are entered electronically except for new businesses
- POM Portal allows staff to target problem grease interceptors
  - Waste haulers are now allowed to submit photos and comments of grease interceptors in need of repair
- Upgrade also included Remote Inspector Module

# Conclusion

- If considering an electronic solution
  - Start data verification now!
    - Waste haulers are reliant on the data in your database
    - Still field
  - Consider “paperless” options
    - Waste haulers are still required to manifest waste



Questions or Comments?

# 4. Holiday Grease Roundup

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- Dates: Monday, November 23, 2020 through January 4, 2021
- 33 participants this year, including eight first-time participants
- Participants collected **6,693** gallons of grease!
  - Still waiting on results from Cleburne
  - In the 2018 and 2019 Holiday Grease Roundup, participants collected approx. 7,330 gallons combined!
- Next year's event scheduled for November 22, 2021 through January 10, 2022



Entity	Amount	Entity	Amount
Arlington	190	Grand Prairie	310
Azle	0*	Irving	85
<b>Carrollton</b>	551.25	Lancaster	7
Cedar Hill	476	Lavon	25
<b>Cleburne</b>	<i>TBD*</i>	Lewisville	75
Colleyville	179	Mansfield	437
<b>Coppell</b>	175	McKinney	164
<b>Corinth</b>	54	North Richland Hills	309
Dallas	1,408.60	Princeton	20
Denton	177	<b>Red Oak</b>	55
Duncanville	150	Richardson	190
<b>Edgecliff Village</b>	40	Southlake	144
Eules	47	<b>Westworth Village</b>	7
<b>Farmers Branch</b>	0*	White Settlement	75
Fort Worth	863	NTMWD	56
Garland	241	TRA	180

# 4. Holiday Grease Roundup

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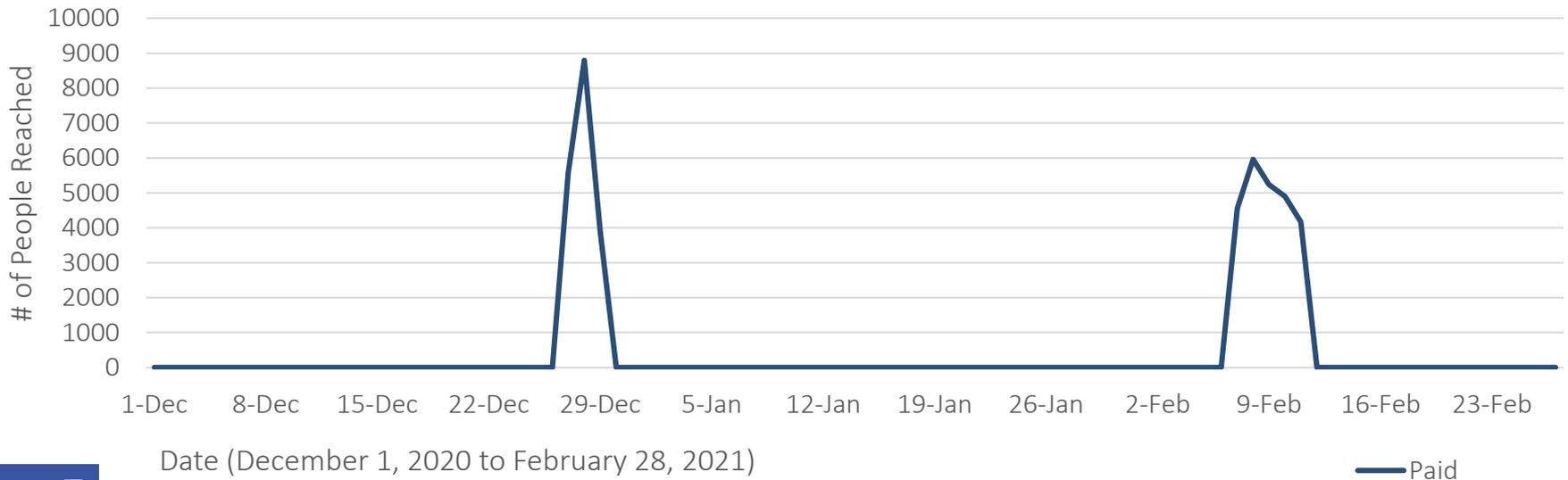
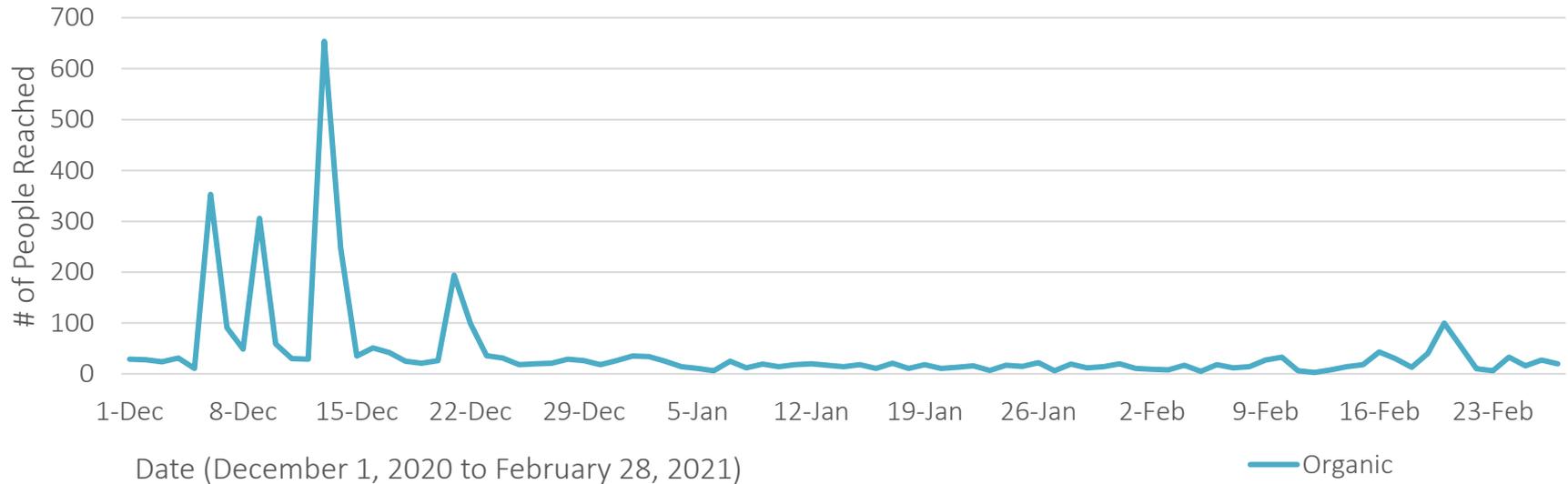
- **Holiday Grease Roundup Results Breakdown:**
  - Seven of the eight **first year participants collected 882 gallons** of grease (approximately 13% of the total roundup)
  - 20 of 33 participants utilized American BioSource for collection and collected 1,513 gallons of grease (approximately 17% of total amount collected during the roundup), which was recycled into biodiesel or biofuel. This is equivalent to a reduction of **23.2 pounds of NOx emissions and 28,163 pounds!**
    - If all 6,693 gallons of collected grease were recycled into biodiesel or biofuel, NOx emissions would be reduced by 102.68 pounds and CO2 emissions would be reduced by 124,583 pounds.
- **Holiday Grease Roundup Highlights:**
  - City of Southlake featured in [Dallas Morning News Article](#)
  - City of Irving sponsored radio ads on three stations: the Wolf (99.5 FM), Hot 93.3 (93.3 FM) and the Ticket (96.7 FM)
  - In the first week of the Holiday Grease Roundup, the Defend Your Drains North Texas social media posts reached almost 43,000 people and the Defend Your Drains North Texas website had over 700 visitors!

## 4. Holiday Grease Roundup

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- Thank you to everyone who took the Holiday Grease Roundup survey!
- NCTCOG will continue to distribute marketing materials via the hidden webpage on the Defend Your Drains North Texas website
- NCTCOG is aiming to distribute marketing materials to participants no later than October 2021
- Marketing materials will be revised and refreshed
- Should materials be translated into additional languages?
- Would the group be interested in other types of materials?
- Any final feedback?

# 5. Promotional Activities Update



# 5. Promotional Activities Update

**Defend Your Drains North Texas**  
 Published by Hootsuite [?] · December 13, 2020 ·

Remember to bring your used cooking oil to the #HolidayGreaseRoundup! The event involves multiple pop-up locations (in addition to locations that are open all year long) accepting containers of used cooking oil for recycling! To find a location nearest you, visit [DefendYourDrainsNorthTexas.com](http://DefendYourDrainsNorthTexas.com)!  
 #DefendYourDrains #CeaseTheGrease



Facebook	Impressions	Engagements
	1,008	33
Twitter	Impressions	Engagements
	89	1
Instagram	Impressions	Engagements
	26	3

**Defend Your Drains North Texas**  
 Published by Hootsuite [?] · December 18, 2020 ·

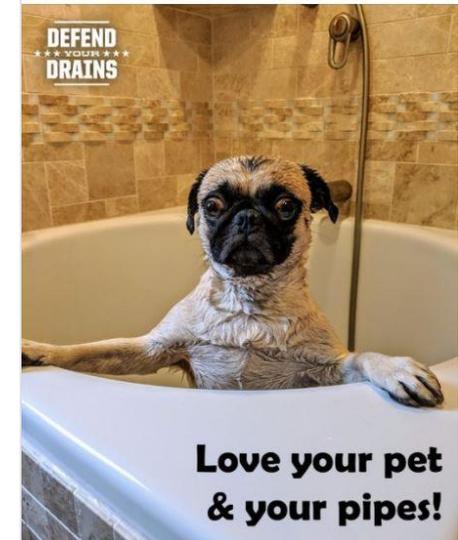
You already have enough on your "To-Do" list, don't add fixing clogged pipes to it! Pour your used cooking oil into a separate container (like a glass jar or can) and take it to a recycling drop off location in order to add "saving the planet" to your to-do list instead!  
 Learn more at [www.DefendYourDrainsNorthTexas.com](http://www.DefendYourDrainsNorthTexas.com).  
 #DefendYourDrains #CeaseYourGrease  
 #Holiday #HolidayGreaseRoundup



Facebook	Impressions	Engagements
	21	1
Twitter	Impressions	Engagements
	1,891	16
Instagram	Impressions	Engagements
	N/A	N/A

**Defend Your Drains North Texas**  
 Published by Hootsuite [?] · February 20 ·

You can love your pet and your pipes by always using a hair catcher when washing your dog in the bathtub! If you wash your dogs in your bathroom without "protection," their fur can easily clog your drain or plumbing. To learn what else should never wash down the drain, visit to [www.DefendYourDrainsNorthTexas.com](http://www.DefendYourDrainsNorthTexas.com).  
 #NationalLoveYourPetDay #DefendYourDrains



Facebook	Impressions	Engagements
	179	6
Twitter	Impressions	Engagements
	215	21
Instagram	Impressions	Engagements
	N/A	N/A

# 5. Promotional Activities Update

## Paid Ads on Facebook

**DEFEND YOUR DRAINS** Defend Your Drains North Texas  
Published by Hootsuite [?] · December 9, 2020 · 🌐

Do you have used cooking oil ready to recycle? Bring it to the nearest #HolidayGreaseRoundup location. Thank you for helping prevent clogs in our local pipes and sewers!

Our recycling locations are listed at [www.DefendYourDrainsNorthTexas.com](http://www.DefendYourDrainsNorthTexas.com).

#DefendYourDrains #HolidayGreaseRoundup #CeaseTheGrease



Amount Spent: \$250  
Goal: Link Clicks  
Achieved: 245 Link Clicks

**DEFEND YOUR DRAINS** Defend Your Drains North Texas  
Published by Hootsuite [?] · January 3 · 🌐

Ahhhhh bacon. Do you prefer your bacon crispy or chewy? Regardless, you must take care of the grease in the pan properly. Pour the cooled oil in a glass or plastic container, wipe down the pan with a paper towel, and you're good to go!

To find locations where you can drop off your grease filled containers, visit [DefendYourDrainsNorthTexas.com](http://DefendYourDrainsNorthTexas.com).

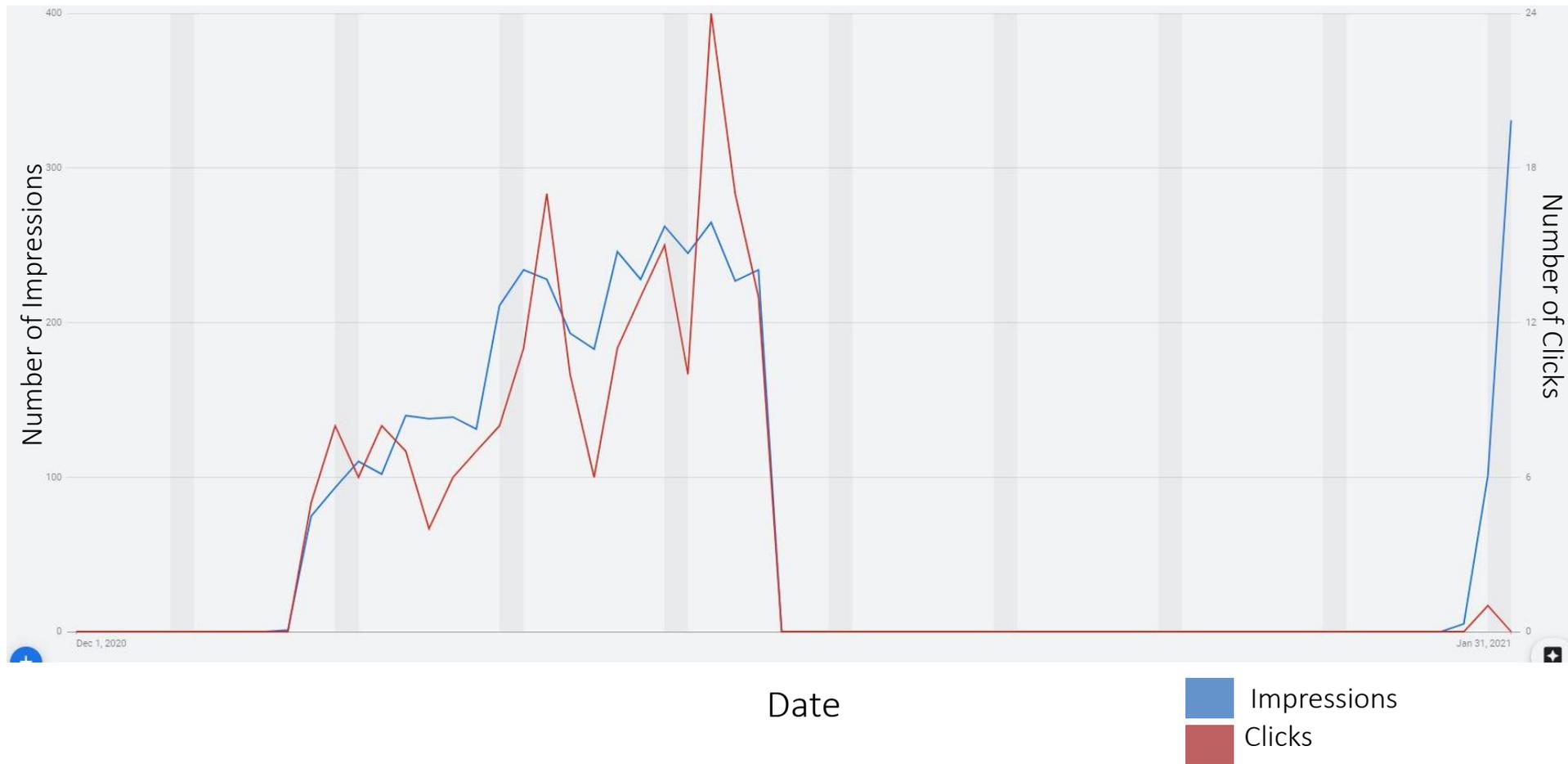
#DefendYourDrains #CeaseTheGrease #HolidayGreaseRoundup



Amount Spent: \$200  
Goal: Link Clicks  
Achieved: 1,247 Link Clicks

# 5. Promotional Activities Update

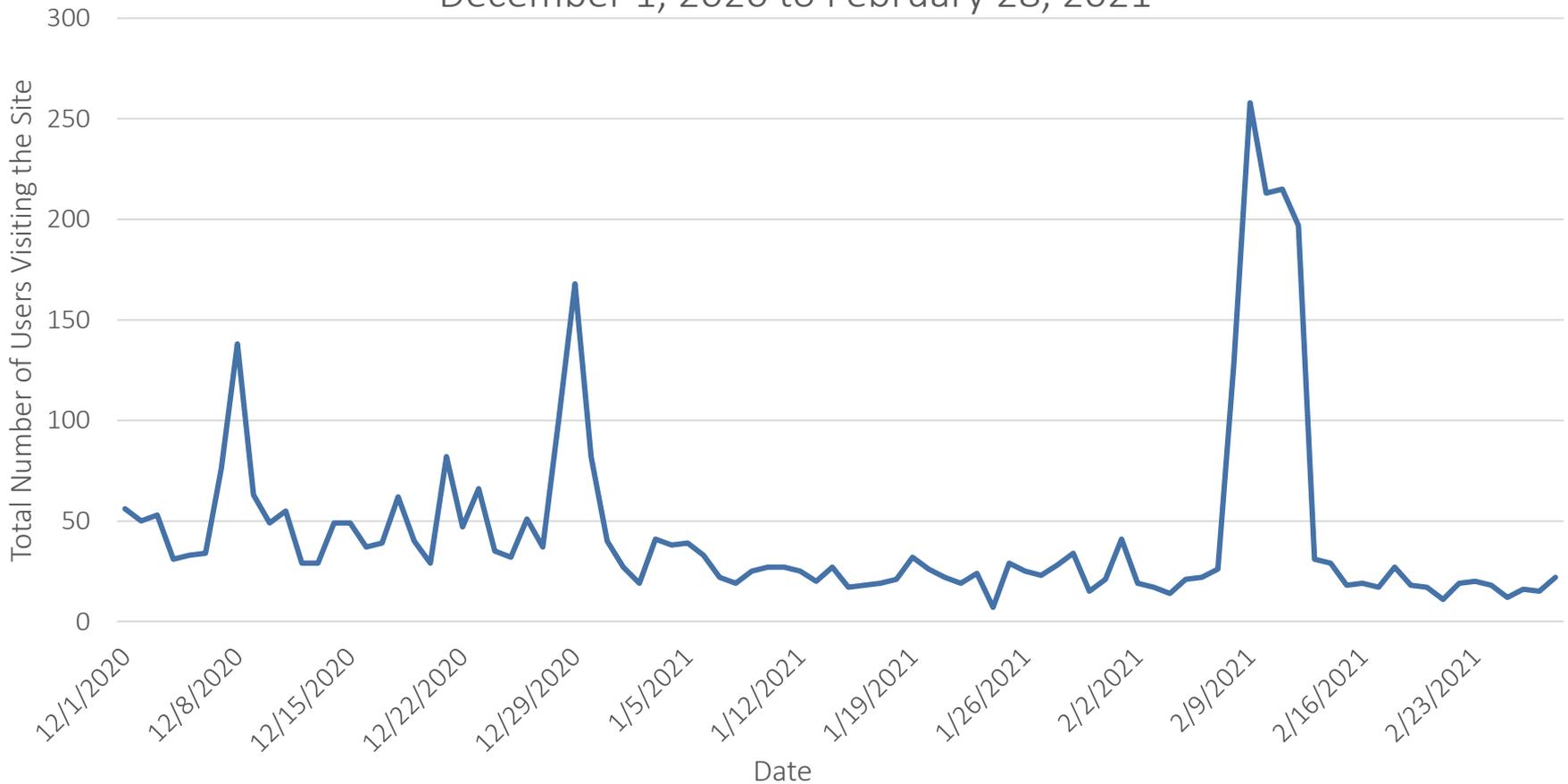
Paid Google Search Ads From December 1, 2020 to January 31, 2021



Amount Spent	Goal	Impressions	Cost per Click
\$200.76	Link Clicks (207)	4,122	\$0.97

# 5. Promotional Activities Update

Defend Your Drains North Texas Website Users  
December 1, 2020 to February 28, 2021



Total Users	Users From Social Sources	New Users	Returning Users
3,755	1,200 (31.7%)	3,704 (92.3%)	311 (7.7%)

# 5. Promotional Activities Update

## Educational Explainer Video Update

- *Your Sink Disposal is not a Garbage Can* video has been posted to the NCTCOG E&D YouTube Page:  
<https://www.youtube.com/watch?v=rz0LALI4EeY>
- Draft *Always Trash Your Personal Care Items* script was shared via email on February 8, 2021
- NCTCOG has incorporated feedback and will be sharing the draft video in the follow up email



# 5. Promotional Activities Update

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## Educational Explainer Videos

Below videos are available on the [NCTCOG YouTube page](#):

- [Wipes Clog Pipes](#) (1,531 views)
- [Fats, Oils, and Grease](#) (956 views)
- [Drug Take Back](#) (126 views)
- [Proper Disposal of Household Hazardous Waste](#) (2,258 views)
- [Simple Life Cycle of Drinking Water](#) (52 views)
- Total of over 4,900 views!

**Potential topics for the next educational explainer video are:**

- Proper usage/disposal of cleaning products/chemicals
- Proper disposal of paper towels/facial tissue
- Fatbergs
- Holiday Grease Roundup specific video

## 6. FY2021 Training Discussion

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- Suggested Training Topics:
  - Industrial Inspections
  - Grease Interceptor Inspections
  - Roundtable for WATER-related efforts
- This training will be held virtually, likely in July or August 2021

# 7. FY2022 Work Program Discussion

- NCTCOG will seek approval on the FY2022 Work Program at the next meeting.
- What priorities or tasks should NCTCOG focus on in FY2022?
- Cost-share allocations will remain the same for FY2022
- NCTCOG will begin to accept online commitments in September 2021
- FY2022 Work Program budget: \$57,200
  - For FY2021, NCTCOG received \$56,600 in commitments (99% of budget).

2021 Population (NCTCOG Estimates)	Cost
1 million+	\$7,500
750,000–999,999	\$7,000
500,000–749,999	\$6,000
350,000–499,999	\$5,000
200,000–349,999	\$4,150
100,000–199,999	\$3,250
50,000–99,999	\$2,150
25,000–49,999	\$1,400
10,000–24,999	\$1,000
Less than 10,000	\$500
Special district partners serving 1 million+	\$7,500
Special district partners serving 500,000–999,999	\$6,500
Special district partners serving 100,000–499,999	\$4,000
Special district partners serving less than 100,000	\$2,150

Note: Special district partners should use wastewater ratepayer population. A special district partner with regional systems is considered one entity.

# 8. General Updates

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- **North Texas Watershed Stakeholder Meeting:**  
March 24, 2021 at 9:30 AM via Microsoft Teams
- **Public Education Task Force Meeting:**  
April 21, 2021 at 9:30 AM via Microsoft Teams
- **TMDL Wastewater Technical Subcommittee Meeting:**  
May 13, 2021 at 9:30 AM via Microsoft Teams
- **DEA Drug Take Back Day:**  
Saturday, April 24, 2021
- **Anaerobic Digester Grant Update:**  
Upcoming Organic Waste to Renewable Natural Gas Regional Stakeholder Meeting on March 24, 2021 at 1:00 PM via Microsoft Teams

# Roundtable & Next Meeting Date

9. Roundtable: What's happening in your community?

10. Next meeting date: Wednesday, July 8, 2021 at 10:00 AM  
Virtual Meeting, via Microsoft Teams

11. Adjournment

## Contact

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**Wastewater  
And  
Treatment  
Education  
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